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Sheet

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of

1

Application Number	Not yet assigned
Filing Date	March 15, 2004
First Named Inventor	Ozgur Sahin
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	STF-S02-045

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RR		Number-Kind Code ² (<i>If known</i>)			
		US- 5,742,377	✓ 04-31-1998	Minne et al.	
		US- 5,883,705	✓ 03-16-1999	Minne et al.	
		US- 6,075,585	✓ 06-13-2000	Minne et al.	
		US- 5,483,822	✓ 01-16-1996	Albrecht et al.	
		US- 6,349,591 B1	02-26-2002	Fretigny et al.	
		US- 5,519,212	✓ 05-21-1996	Elings et al.	
		US- 5,412,980	✓ 05-09-1995	Elings et al.	
		US- Re. 36,488	✓ 01-11-2000	Elings et al.	
		US- 6,298,715 B1	10-09-2001	Thomson et al.	
		US- 6,452,170 B1	✓ 09-17-2002	Zypman et al.	
		US- 6,578,410 B1	06-17-2003	Israelachvili	
		US- 5,866,805	✓ 02-02-1999	Han et al.	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (<i>If known</i>)				

Examiner Signature	RAEVIJ	Date Considered	8-31-04
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RP		SAHIN et al., "Harmonic Cantilevers for Nanomechanical Sensing of Elastic Properties", Transducers '03, The 12th International Conference on Solid State Sensors, Actuators and Microsystems, Boston, June 8-12, 2003, pp. 1124-1127	
RR		SAHIN et al., "Simulation of Higher Harmonics Generation in Tapping-Mode Atomic Force Microscopy", Applied Physics Letters, Volume 79, Number 26, December 24, 2001, pp. 4455-4457	
PL		STARK et al., "Tapping-Mode Atomic Force Microscopy and Phase-Imaging in Higher Eigenmodes", Applied Physics Letters, Volume 74, Number 22, May 31, 1999, pp. 3296-3298	
RR		HILLENBRAND et al., "Higher-Harmonics Generation In Tapping-Mode Atomic-Force Microscopy: Insights into the Tip-Sample Interaction", Applied Physics Letters, Volume 26, Number 23, June 5, 2000, pp. 3478-3480	
RR		RABE et al., "Imaging and Measurement of Local Mechanical Material Properties by Atomic Force Acoustic Microscopy", Surface and Interface Analysis, 2002, Volume 33, pp. 65-70	
RA		STARK et al., "Inverting Dynamic Force Microscopy: From Signals to Time-Resolved Interaction Forces", PNAS, June 25, 2002, Volume 99, No. 13, pp. 8473-8478	

Examiner Signature	RAEVIS	Date Considered	8-31-04
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